

WHAT IS CLAIMED IS:

1. A manufacturing method of a water emulsion fuel being
an initial manufacturing method of a batch type manufacturing
5 method of a water emulsion fuel for manufacturing the water
emulsion fuel from a state in which substantially no water
emulsion fuel exists in a mixing tank of an emulsion fuel
manufacturing apparatus including said mixing tank for mixing
a fuel, water and an additive, an agitating device provided
10 inside said mixing tank, and fine processing means for finely
processing a mixture solution of the fuel, the water and the
additive to emulsify it, comprising:

(a) a fuel and additive charging step of charging a
predetermined amount of the fuel and the additive into said
15 mixing tank;

(b) an agitating step of agitating the fuel and the
additive charged into said mixing tank by said agitating
device;

(c) a water charging step of charging a predetermined
20 amount of water into said mixing tank after finishing said
agitating step;

(d) a fine processing step of pumping out a mixture
solution of the fuel and the additive, and the water in said
mixing tank to pass them through said fine processing means
25 and returning them into said mixing tank;

(e) a separating step of separating the water and the fuel after finishing said fine processing step; and

(f) an emulsifying step of emulsifying the fuel, the additive and the water by the step of pumping out the charged
5 solution from said mixing tank, passing it through said fine processing means and returning it to said mixing tank, after finishing said separating step.

2. The manufacturing method of the water emulsion fuel
10 according to Claim 1,

wherein said agitating step is provided in parallel with at least either said fine processing step or said emulsifying step.

15 3. A manufacturing method of a water emulsion fuel being a manufacturing method from a second time on of a batch type manufacturing method of a water emulsion fuel for manufacturing the water emulsion fuel from a state in which a predetermined amount of water emulsion fuel exists in a
20 mixing tank of an emulsion fuel manufacturing apparatus including said mixing tank for mixing a fuel, water and an additive, an agitating device provided inside said mixing tank, and fine processing means for finely processing a mixture solution of the fuel, the water and the additive to emulsify it,
25 comprising:

(a) a fuel and additive charging step of charging a predetermined amount of the fuel and the additive into said mixing tank;

(b) an agitating step of agitating the water emulsion fuel in said mixing tank and the charged fuel and additive by
5 said agitating device;

(c) a water charging step of charging a predetermined amount of water into said mixing tank after finishing said agitating step; and

10 (d) an emulsifying step of emulsifying the fuel, the additive and the water by the step of pumping out the charged solution from said mixing tank, passing it through said fine processing means and returning it to said mixing tank.